Fig.1.

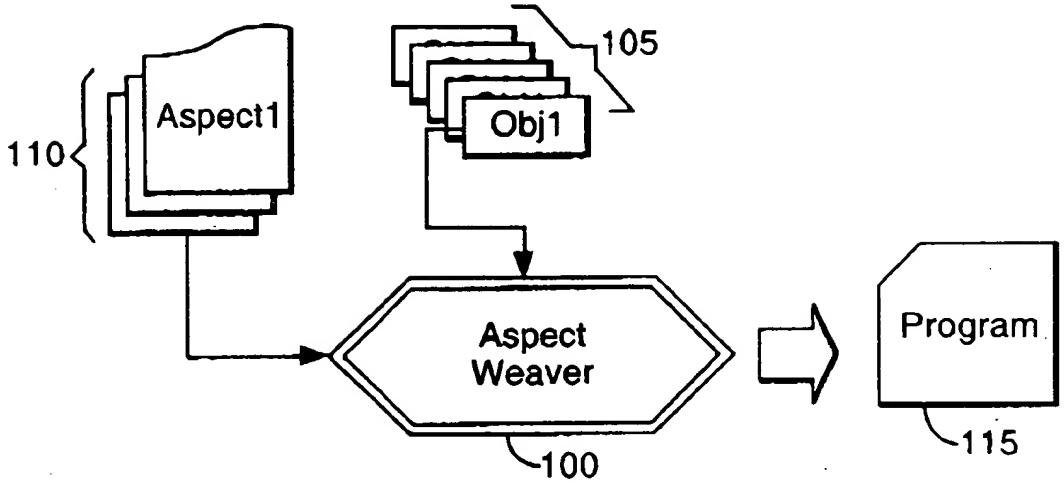

105
Aspect1
110
Obj1
Aspect
Weaver
Program
100
115

Fig.2.

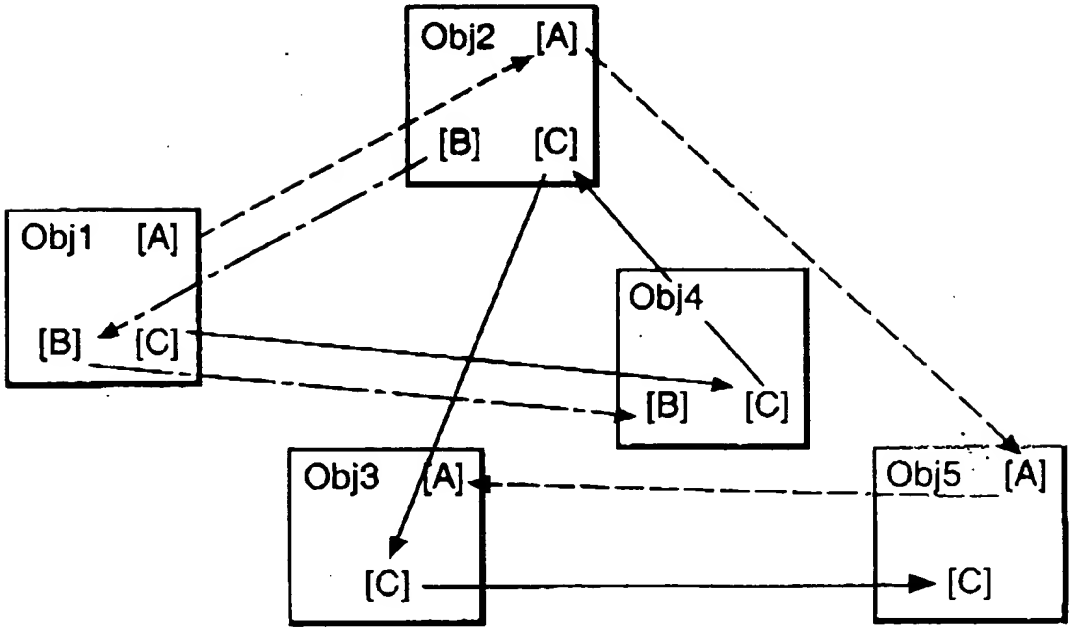

Obj2 [A]
[B] [C]
Obj1 [A]
[B] [C]
Obj4
[B] [C]
Obj3 [A]
[C]
Obj5 [A]
[C]

Fig.3.

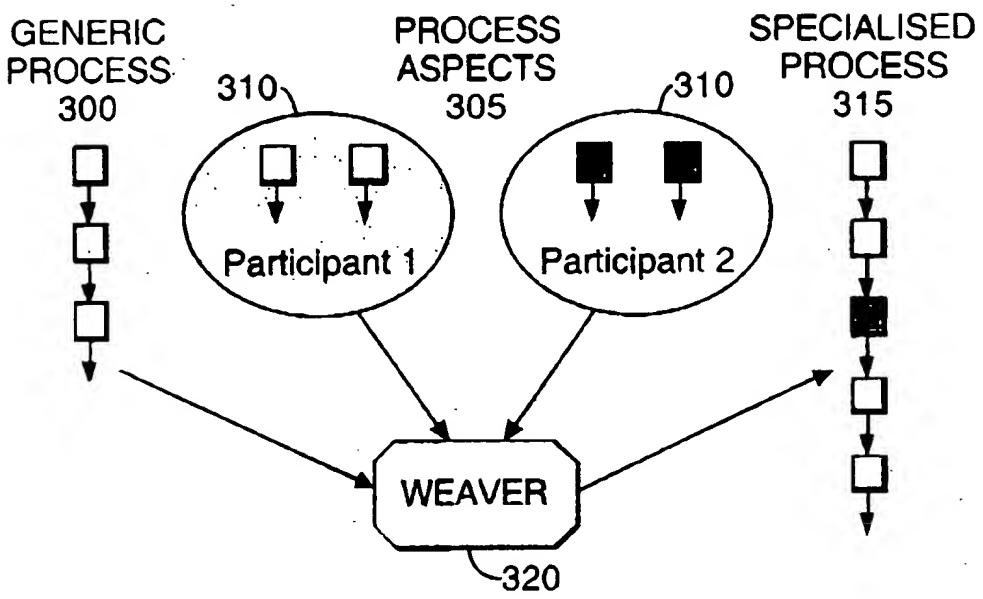


Fig.4.

Process for Customer Type 1 is: ********** Acquire appropriate job information Book visit time and address, allocate engineer Acquire customers mobile contact number Wait for visit time Verify appointment with customer Phone number=12345678
Process for Customer Type 2 is: ********** Acquire appropriate job information Book visit time and address, allocate engineer Supply code word to customer Wait for visit time Verify code word with customer

Fig.5.

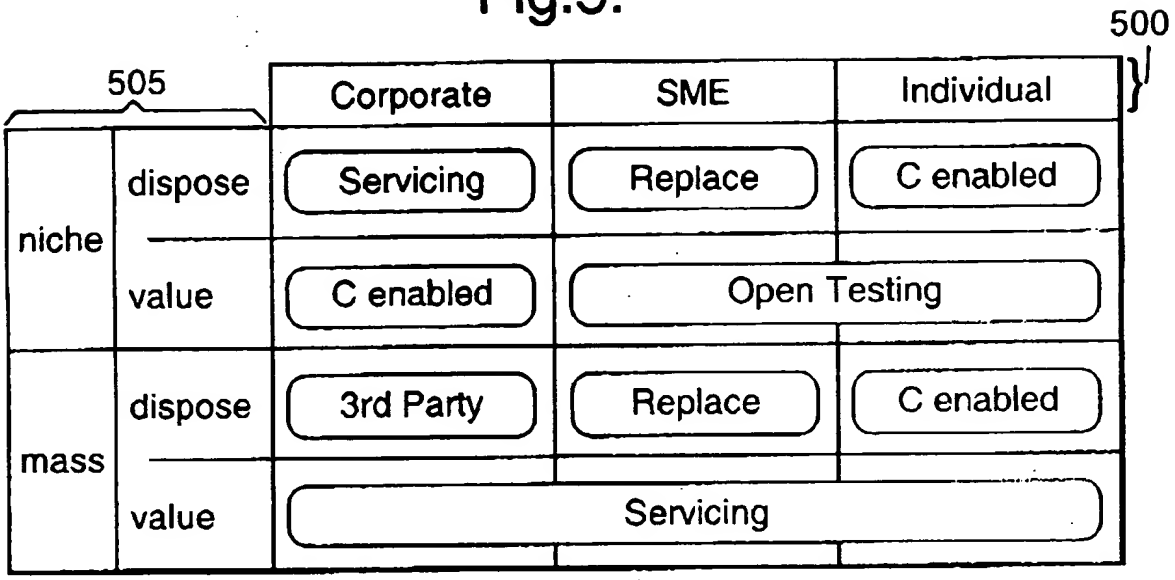
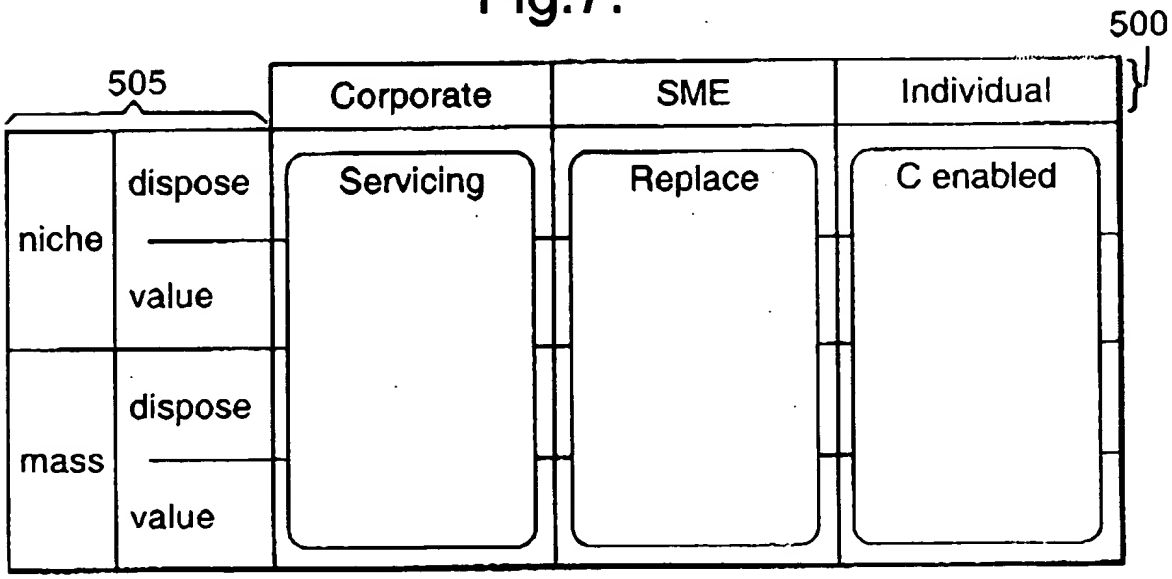

500
505
Corporate
SME
Individual
niche
dispose
value
mass
dispose
value
Servicing
Replace
C enabled
C enabled
Open Testing
3rd Party
Replace
C enabled
Servicing

Fig.7.


500
505
Corporate
SME
Individual
niche
dispose
value
mass
dispose
value
Servicing
Replace
C enabled

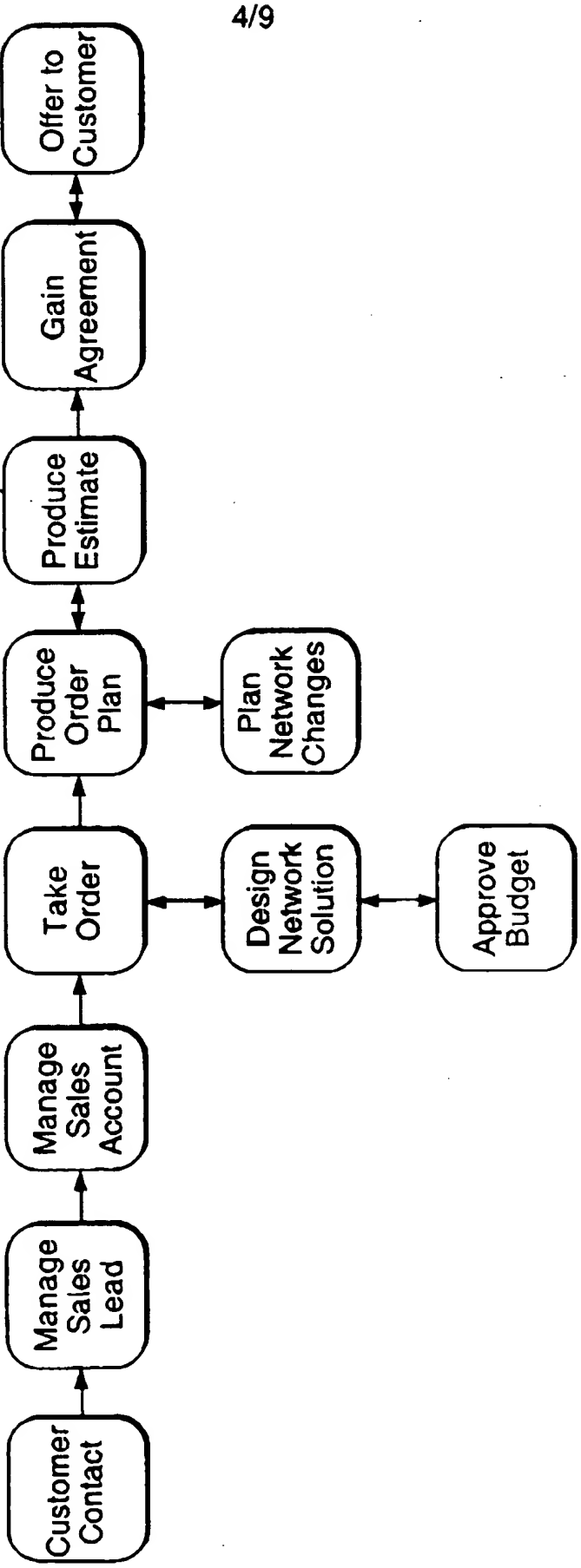

Customer Contact
Manage Sales Lead
Manage Sales Account
Take Order
Design Network Solution
Approve Budget
Produce Order Plan
Plan Network Changes
600
Produce Estimate
Gain Agreement
Offer to Customer

Fig.6.

Fig.8.

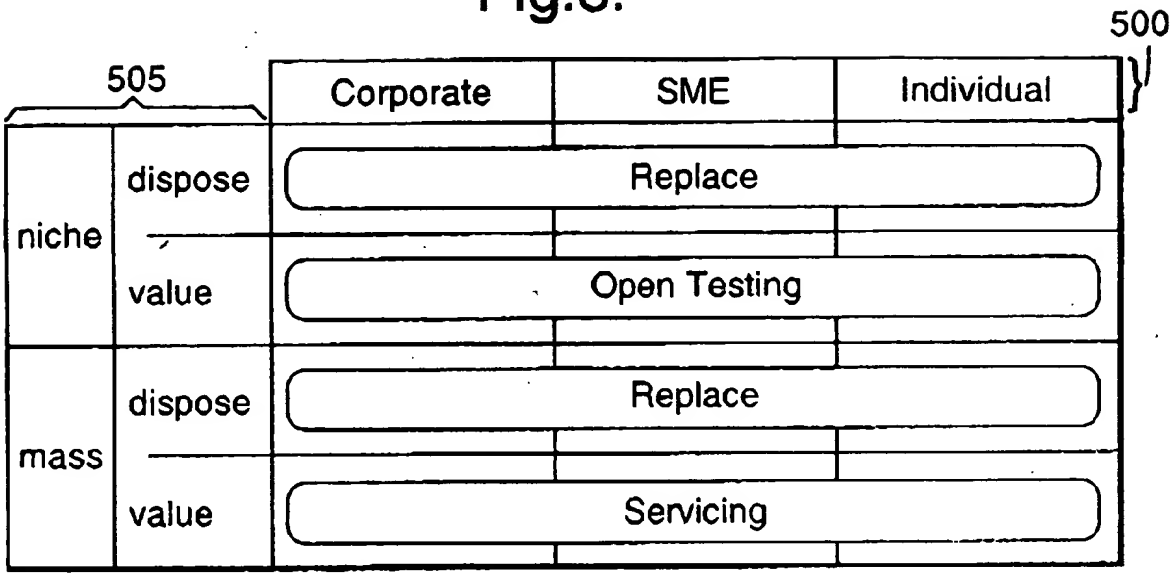

500
505
Corporate
SME
Individual
niche
dispose
value
mass
dispose
value
Replace
Open Testing
Replace
Servicing

Fig.9.

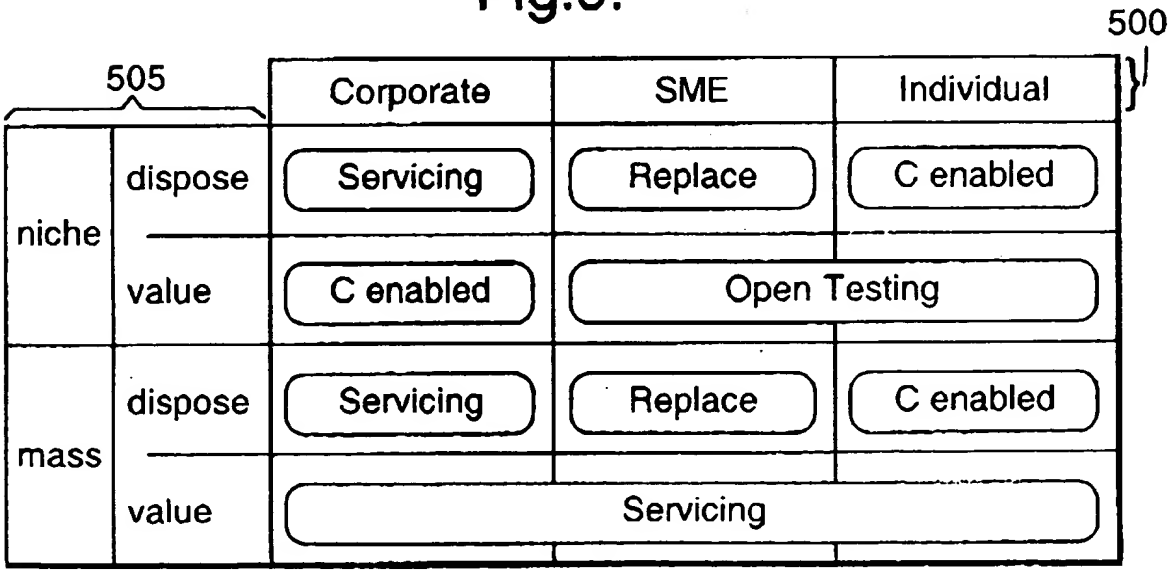
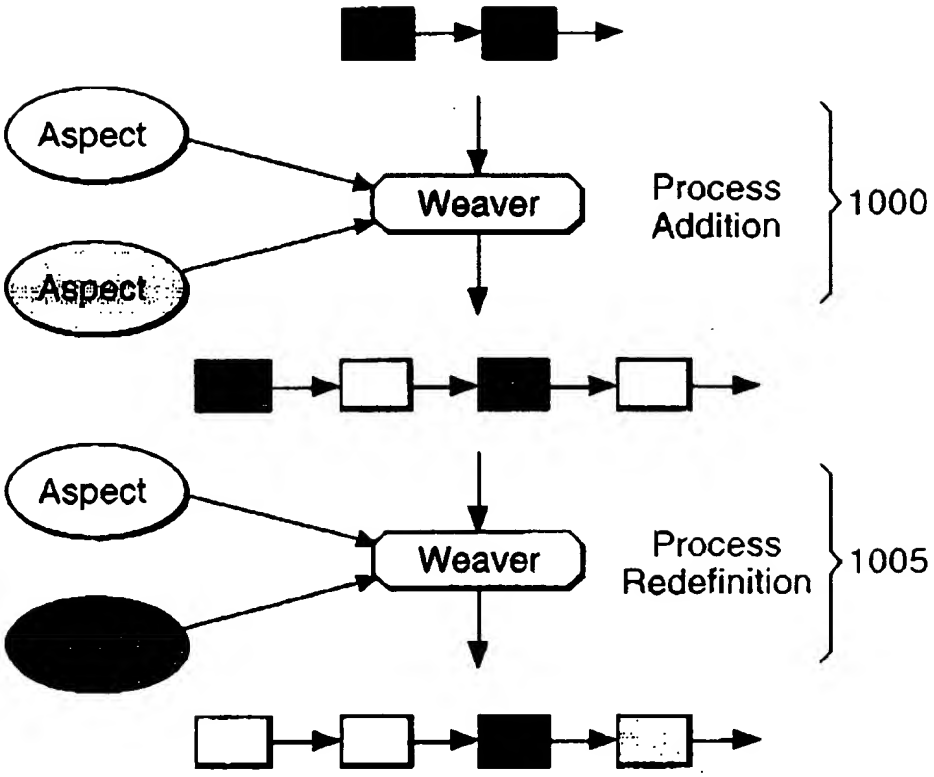

500
505
Corporate
SME
Individual
niche
dispose
value
mass
dispose
value
Servicing
Replace
C enabled
C enabled
Open Testing
Servicing
Replace
C enabled
Servicing

Fig.10.


Aspect
Aspect
Weaver
Process
Addition
1000
Aspect
Weaver
Process
Redefinition
1005

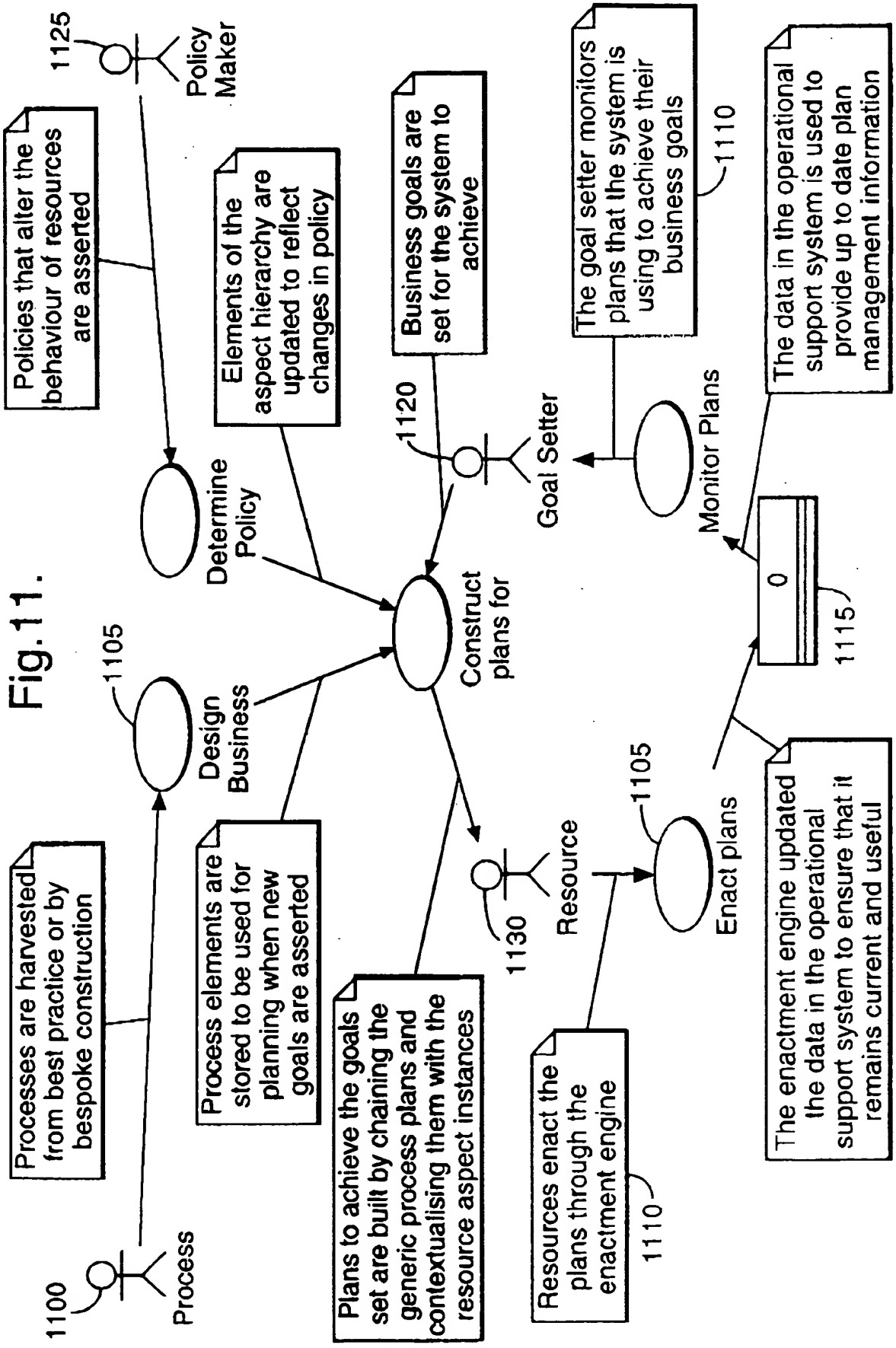

1100
Process
1125
Policy Maker
Policies that alter the behaviour of resources are asserted
Elements of the aspect hierarchy are updated to reflect changes in policy
Business goals are set for the system to achieve
The goal setter monitors plans that the system is using to achieve their business goals
1110
Processes are harvested from best practice or by bespoke construction
1105
Design Business
Determine Policy
Construct plans for
1120
Goal Setter
Monitor Plans
The data in the operational support system is used to provide up to date plan management information
Process elements are stored to be used for planning when new goals are asserted
Plans to achieve the goals set are built by chaining the generic process plans and contextualising them with the resource aspect instances
1130
Resource
1105
Enact plans
0
1115
Resources enact the plans through the enactment engine
1110
The enactment engine updated the data in the operational support system to ensure that it remains current and useful

Fig.11.

Fig.12.

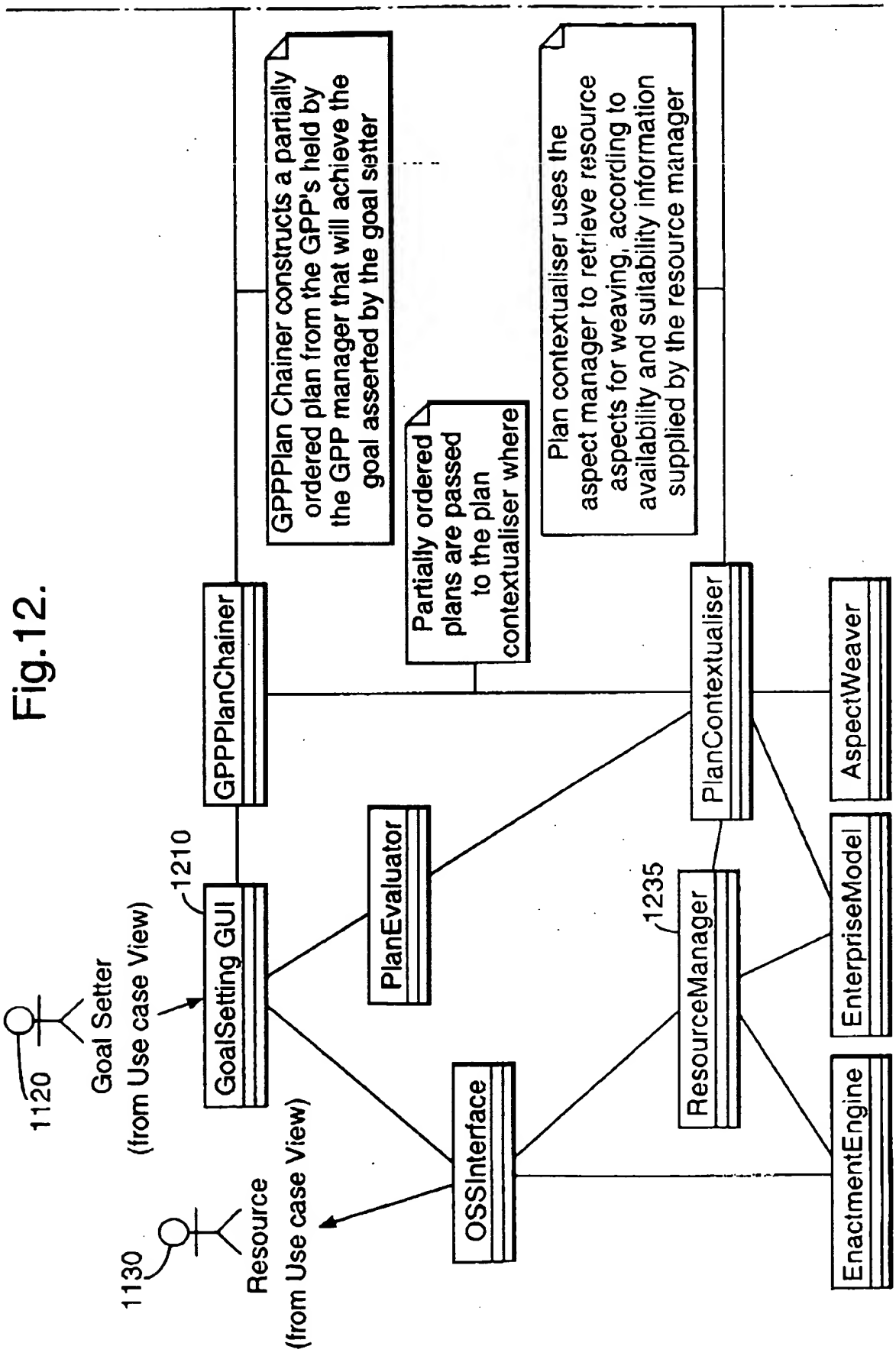
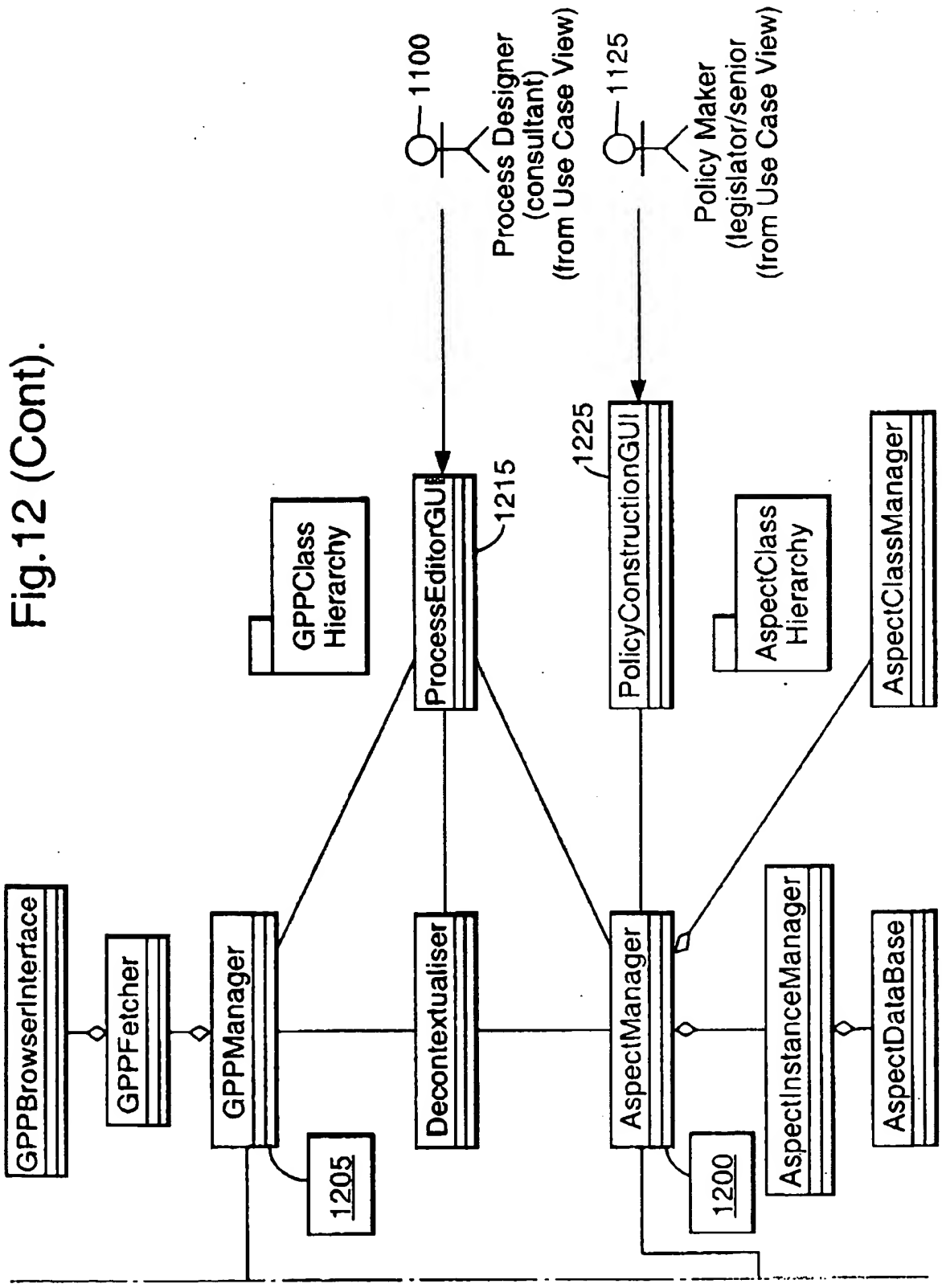

1120
Goal Setter
(from Use case View)
1210
GoalSetting GUI
GPPPlanChainer
GPPPlan Chainer constructs a partially ordered plan from the GPP's held by the GPP manager that will achieve the goal asserted by the goal setter
Partially ordered plans are passed to the plan contextualiser where
Plan contextualiser uses the aspect manager to retrieve resource aspects for weaving, according to availability and suitability information supplied by the resource manager
PlanEvaluator
PlanContextualiser
AspectWeaver
1235
ResourceManager
EnterpriseModel
1130
Resource
(from Use case View)
OSSInterface
EnactmentEngine

Fig.12 (Cont).


1100
Process Designer
(consultant)
(from Use Case View)
1125
Policy Maker
(legislator/senior
(from Use Case View)
GPPClass
Hierarchy
ProcessEditorGUI
1215
1225
PolicyConstructionGUI
AspectClass
Hierarchy
AspectClassManager
GPPBrowserInterface
GPPFetcher
GPPManager
1205
DecontextualiserGUI
AspectManager
1200
AspectInstanceManager
AspectDataBase